Extron Electronics
INTERFACING, SWITCHING AND CONTROL

DP DA2 • Setup Guide

IMPORTANT: Refer to www.extron.com for the complete user guide and installation instructions before connecting the product to the power source.

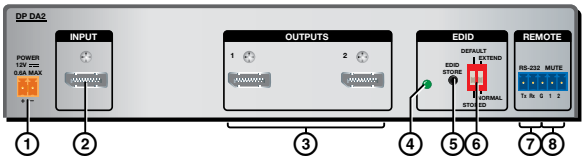
This guide provides basic instructions for an experienced installer to set up and operate the Extron DP DA2 (see the *DP DA2 User Guide*, on the **Extron website**, for full instructions).

Installation

Step 1 — Mounting

See the *DP DA2 User Guide* for all mounting options. Follow the instructions provided with the appropriate installation kit.

Cable Connections



1. Power
2. DisplayPort Input
3. DisplayPort Outputs
4. EDID Minder LED
5. EDID Minder Store button
6. EDID Minder DIP switches
7. RS-232 control
8. Mute control

For a complete description of the rear panel features, see the *DP DA2 User Guide*.

Step 2 — DisplayPort Input and Output

Connect the following cables, but do not power on the equipment yet:

1. Connect a DisplayPort cable from the input connector (2) to the source device.
2. Connect a DisplayPort cable from the output connectors (3) to the display devices.

NOTE: If one of the output devices is being used to provide EDID information, it must be connected to output 1.

Step 3 — Power Cable Connections

Connect the provided 12 VDC power supply to the 2-pole, 3.5 mm captive screw connector.

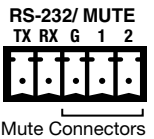
ATTENTION: Before connecting power to the DP DA2, see the attention box in the "Power Supply" section of the *DP DA2 User Guide* for important information about power supplies.

NOTE: Before connecting power to the DP DA2, see the notes in the "Power Supply" section of the *DP DA2 User Guide* for important information about wiring the captive screw connectors.

Setup and Control

Step 4 (optional) — Muting an Output

Short the pins labelled 1 or 2 to ground (G) to mute the video signal from that output.



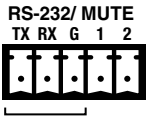
Step 5 (optional) — Connecting a Control PC

To connect the DP DA2 to a control PC use the captive screw connector or the USB Config port.

Captive screw connector — Connect the Tx, Rx, and G (ground) pins of the rear panel captive screw connector to the control PC.

USB port — Connect the front panel mini USB B connector to the control PC.

For information about RS-232 commands, see the *DP DA2 User Guide*.

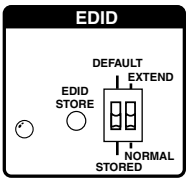


RS-232 Connectors

Recording and Saving EDID

1. Connect the appropriate display device to output 1 and power on both the DP DA2 and the display device.
2. Set DIP switch 1 to Stored (down) position.
3. Press and release the EDID Store push button.

   The LED lights amber while the EDID is being read and turns green when the EDID has been saved.



Using a Saved EDID

1. Ensure the display and source devices are powered off and the DP DA2 is powered on.
2. Set DIP switch 1 to Stored (down).
3. Power on the source device.
4. Power on the display devices.

Using the Default EDID (1920x1080 @ 60 Hz, 2-Ch Audio)

1. Ensure the display and source devices are powered off and the DP DA2 is powered on.
2. Set DIP switch 1 to Default (up).
3. Power on the source device.
4. Power on the display devices.

Using Extend Mode

The DP DA2 supports resolutions up to 2560x1600 @ 60 Hz in normal mode. In addition, a resolution of 3840x1080 @ 60 Hz can be carried over two outputs and displayed as extended view.

1. Ensure appropriate display devices are connected to outputs 1 and 2.

   NOTE: Extron recommends that the displays connected to outputs 1 and 2 are the same model or have the same native resolution.

2. Set DIP switch 2 to Extend (up).
3. Power on the DP DA2, the display devices, and the source device.

Dual Mode DisplayPort

Use the appropriate adapters for interoperability with VGA and DVI or HDMI displays.

Extron Headquarters
+800.633.9876 Inside USA/Canada Only

Extron USA - West
+1.714.491.1500
FAX:
+1.714.491.1517

Extron USA - East
+1.919.850.1000
FAX:
+1.919.850.1001

Extron Europe
+800.3987.6673
Inside Europe Only
+31.33.453.4040
FAX:
+31.33.453.4050

Extron Asia
+800.7339.8766
Inside Asia Only
+65.6383.4400
FAX:
+65.6383.4664

Extron Japan
+81.3.3511.7655
FAX
+81.3.3511.7656

Extron Middle East
+971.4.2991800
FAX:
+971.4.2991880

Extron China
+4000.EXTRON
+4000.398766
Inside China Only
+86.21.3760.1568
FAX:
+86.21.3760.1566

Extron India
1800.3070.3777
Inside India Only
+91-80-3055.3777
+91 80 3055 3737 FAX

Extron Korea
+82.2.3444.1571
+82.2.3444.1575 FAX

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